

DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

☐ COMPLAINT
RECEIVED

☐ PERMIT
ACTION

☐ ANNUAL COMPLIANCE
INVESTIGATION
COMPLETED

☐ NESHAP

☐ NSPS

☐ REVISED
STATUS

DATE MM/DD/YY
07-09-82

ESTABLISHMENT Hooker Chemicals and Plastics Corp. (formerly Parker Chemical)	NO. B2422	QUARTER JULY	NO. 03
NUMBER AND STREET 322 W. Main Street	CITY Adrian	STAFF L. Koivuniemi	NO. 97
CONTACT John Kashner	TITLE Manager-Mfg.	COUNTY Lenawee	NO. 46
PRIMARY ACTIVITY Chemical Production-Mixing		DISTRICT Ann Arbor	NO. 08

REMARKS:

PROJECT

RCRA (Resource Conservation Recovery Act):

RCRA Inspection follow-up with Roy Schrameck, Water
Quality District Engineer.

Meeting with the following company officials:

Robert J. Schuttler: Director, Environmental Health &
Safety, Plastics and Chemicals Specialty Group; Niagara
Falls, N.Y. telephone (716) 286-3102.

Mike McLin, Project Engineer, Morenci
Richard Speed, Environmental Engineer, Morenci
John Kashner, Plant Manager, Morenci

Lee Huffaker, Chemist, and Richard Fredrick, Production
Superintendent, both of Morenci and usually involved in
RCRA inspections were both absent from today's meeting
and follow up inspection.

Source of PCB's:

Sample #2 in area 2 collected 5-18-82 had 2,500.00
1g/kg or 0.25% PCB's. (Not 2.5%, as was incorrectly reported
in 6-22-82 Activity Report).

The company could not or would not explain how high levels
of PCB's were found in this storage area 2

Returned Drums:

Company agreed to set up a system of sealing their drums,
so when a product is returned it can be easily determined if
the barrel had been opened. A returned, opened barrel may
the source of the PCB's. But, in any case, the company
should not have allowed the waste to be leaked and spilled
onto the ground in violation to RCRA and Act 245 (Michigan's
Water Law).

Picture #35 of area 6:

Mr. Kashner thought the brown-yellow on the surface of

- 01 MAJOR SOURCE
- 02 MINOR SOURCE
- 03 RESIDENCE
- 04 MEETING - CONFERENCE
- 05 TRAINING
- 07 _____
- 08 _____
- 09 _____
- 10 _____
- 00 OTHER (explain)

SURVEY ACTION	TYPE	NO.
01 EMISSION POINTS INVESTIGATED		
02 VISIBLE EMISSION EVALUATION		
03 SOURCE TEST (STAFF)		
04 SOURCE TEST (COMPANY)		
05 GRAB SAMPLE		
06 PICTURES TAKEN		
09 _____		
10 _____		
11 _____		
13 _____		
14 _____		
15 _____		
16 _____		
17 _____		
18 _____		
19 _____		
00 OTHER (explain)		

COMPLIANCE STATUS

- A. IN COMPLIANCE
- B. UNKNOWN COMPLIANCE
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ON A SCHEDULE
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INCREMENTS
- E. ON A SCHEDULE, NOT
MEETING INCREMENTS
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KNOWN IF MEETING
INCREMENTS

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NUMBER AND STREET	CITY	STAFF L. Koivuniemi	NO. 97
CONTACT	TITLE	COUNTY Lenawee	NO. 46
PRIMARY ACTIVITY Page 2 of 3		DISTRICT Ann Arbor	NO. 08

REMARKS:

the pad in picture #35 taken 6-22-82 was Bismark Brown R. (Toulene-2,4-diazo-bis-meta-toluyene diamine hydrochloride is the chemical name, Condensed Chemical Dictionary.)

Flush Drum: Outgoing Hooker Product including acids with Nickel and Chromium from flushing of loading lines was being allowed to drain through a limestone barrel into ground. Roy again, informed the company this likely could have contaminated the ground water; and therefore, because of this practice and the leaking waste in storage, a hydrogeologic study must be done by the company to determine extent of contamination and possible need for clean-up.

Hydrogeological Study:

All along in our discussions, Mr. Kashner and Mr. Speed agreed to do this hydrogeological study, but now Mr. Schuttler is not convinced it is necessary.

I gave Mr. Schuttler a copy of the 38 pictures I took documenting the company's recent hazardous waste disposal practices. After seeing these pictures and hearing about the flush drum, supra, Mr. Schuttler said he would re-evaluate whether they would do this hydro-study. Mr. Schuttler will have a decision by August 4, 1982, and will inform Roy Schrameck.

Storage of Waste:

The material has been cleaned up outside the storage building. No leaking drums were noted outside the storage building. Although, I did detect some oil-like, dark liquid on the floor inside the storage building. I informed Mr. Speed and Mr. Kashner, again, of the RCRA requirements of inspecting the drums and logging problems and correcting them when found. The company seems to be still not concerned enough to follow all of the safe hazardous waste practices required by RCRA.

PROJECT

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SURVEY ACTION

TYPE NO.

- | | | |
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| 05 GRAB SAMPLE | | |
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| 09 | | |
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| 17 | | |
| 18 | | |
| 19 | | |
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NUMBER AND STREET		CITY		QUARTER JULY	NO. 03
CONTACT		TITLE		STAFF L. Koivuniemi	NO. 97
PRIMARY ACTIVITY Page 3				COUNTY Lenawee	NO. 46
				DISTRICT Ann Arbor	NO. 08

REMARKS:

Samples Collected:

Mr. Speed and I watched as the company (Jose) collected three samples of waste liquid from drums which had been in storage area 6, but had been moved inside the storage building. Samples were split with company.

#xx-1. 3/4 full fiberpac drum, see picture #31. Barrel on left side of this picture. Collected 2:20pm.

#xx-2. 3" of liquid on side of fiberpac barrel: Note, "side of barrel" because barrel was lying on its side as it was in picture #31. Barrel on right side of this picture #31.

The liquid from the above two barrels appeared to be the same; it was brown-yellow in the barrel, but appeared reddish-brown when placed in sample bottle.

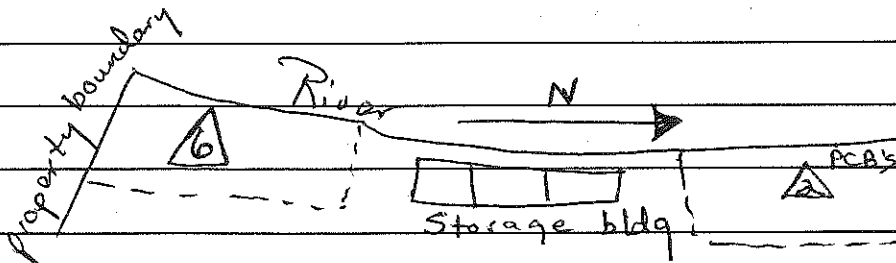
#xx-3. Drum labeled nitric acid.

Roy is maintaining chain of custody and taking the samples to the ESD Lab. to check for pH and heavy metals.

cc: OHWM

US EPA

Roy Schrameck



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MICHIG. DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

July 7, 1982

TO: File; W.Q.D., OHWM, U.S. EPA Region V

FROM: Linda Koivuniemi, A.Q.D. Ann Arbor

SUBJECT: Log of Pictures taken during three RCRA Investigations at
Hooker Chemicals and Plastics Corporation, Morenci, MI

Date pictures (Standard 50 mm lens) were taken by L. Koivuniemi:

- (1) May 18, 1982: Took 22 pictures, but two were essentially the same—just different exposure, therefore, only 21 different pictures: #1 thru #21. Roy and I collected 3 surface samples, but I wanted to sample drums because, for example, the company insisted there were no solvents stored in area 2; I noted a green drum near the center labelled industrial solvents. Since, we did not have equipment to sample drums, I planned to make arrangements in Lansing the next day 05-19-82 to get help and/or equipment to sample these drums by 05-20-82 or 05-21-82.

When I checked in Lansing to find out how to get the drums sampled before the end of the week, I was informed by Lyle Rowell that he would make the necessary arrangements because he may be needed for a criminal investigation. I agreed with Lyle that a joint investigation would be fine, but I wanted to sample drums before the weekend.

Without informing me, Lyle decided to go to Hooker and take samples alone on 05-20-82, and called me on Friday, 05-21-82. I had to start all over trying to get sampling equipment and arrange drum sampling because Lyle did not sample drums which I felt to be important. Hooker complained to Lyle about the number of sampling investigations. Lyle informed the company I was likely coming again, but that I would call before, if I wanted any drums moved which required a forklift. I did not call before my investigation on 05-27-82; therefore, I could not request the company to move barrels and sample the green drum labelled industrial solvents in storage area 2, see picture #16, which would have documented solvents, likely ignitable, within 50 feet of property line.

- (2) May 27, 1982: Only one picture taken on this date: #22.
(3) June 22, 1982: Took 16 pictures in area 6: #23-38: Four samples: results not back as of 07-07-82; Roy delivered samples to ESD lab on 06-23-82.

Key: Picture # : time : camera setting

- A. location
B. comments

May 18, 1982

#1: 3:15 PM : F 5.6, 60

- A. Westside of storage area 2 -next to fence between river and storage pad.
B. Roy Schrameck, W.Q.D. #1, collecting sample #1, greenish-dark; 19,000 ~~mg~~g/kg (ppb) or 19 ppm PCB-A1242 and 47,000 mg/kg (ppm) CR-TOT.

*Lansing file
Plant
B2422
Lansing*

#2: 3:16 PM : F 1.7, 60

- A. West side of storage area Δ - Picture taken while standing next to fence and looking east toward manufacturing building.
- B. Green/black waste on storage pad.

#3: 3:20 PM : F 4, 60

- A. West side of storage area Δ next to fence, barrels lying down in background are near the storage building.
- B. Sample #2, collected by Roy Schrameck. High levels of PCB's: 2,500,000 μ g/kg (ppb) or 2.5% Al242; and 2,500mg/kg (ppm) CR-TOT.

#4: 3:24 PM : F 8, 60

- A. S.W. side of storage area Δ , note storage building in background, adjacent to river.
- B. Picture #5 (below) is a close-up of the corroded drum in this picture.

#5: 3:25 PM : F 2.8, 60

- A. S.W. side of storage area Δ on N. side of storage building next to river, storage building in background.
- B. Note corroded condition of drum.

#6: 3:28 PM : F 5.6, 60

- A. North side of storage building; south side of storage area Δ - approximately 20 ft. from the river.
- B. Note hole in drum-contents were apparently allowed to leak out.

#7: 3:30 PM : F 8.0, 60

- A. Again, north side of storage building, in area Δ , wide angle of picture #6.
- B. Note drum with hole near bottom (center bottom of this picture)-same drum as picture #6.

#8: 3:34 PM: F 11, 60

- A. East side of storage area Δ
- B. Note black boards under storage drums in S.E. side of storage area Δ

#9: 3:35 PM: F 11, 60

- A. East side of storage area Δ
East edge of stored drums is approximately 50 ft. from the river.
- B. If the green barrel in the center held industrial solvents, as it was labeled, it would have been less than 50 ft. to the property line. But we could not get to it to sample and company insisted there were no ignitable liquids ($< 140^{\circ}\text{F}$) in this storage area Δ . Later, May 27, we sampled and found ignitable liquids on the eastern edge, but this edge was about 50 ft. from property line (I paced it off). Note leaker in left bottom of photo.

#10: 3:40 PM : F 8, 125

- A. New Area: storage area Δ note Mfg. building in background.
- B. Note poor condition of drums.

#11: 3:42 PM : F 8, 125

- A. Center of storage area Δ .
- B. Roy Schrameck collecting sample #3 from ground-no concrete pad.
GW 749 Lot 689-old raw material, dye-greenish blue.

#12: 3:45 PM : F 8, 125

- A. Single drum with dark colored, oily ooze on outside in area Δ .
- B. Roy Schrameck later sampled this (picture #22 taken 05-27-82) drum.

#13: 3:50 PM : F 8, 125

- A. Storage area Δ - note mfg. building in background.
- B. Richard Fredricks on north side of storage area Δ . Storage area Δ is where 70% ethylamine was stored open and evaporating.

#14: 3:53 PM : F 4, 60

- A. N.W. Corner of property, next to river, note fence in background. Storage area Δ .
- B. This drum was an example of open drums in storage with various types and amounts of waste/junk.

#15: 3:55 PM : ?-did not document camera setting.

- A. Storage area Δ -near river.
- B. Note stained material on ground-no storage pad.

#16: 3:56 PM: F 8, 125

- A. Back to original or main storage area Δ (Eastside), trees on river bank in background.
- B. Note green barrel-was labeled industrial solvent.(refer to picture #9).

#17: 3:57 PM : F 8, 125

- A. Small storage area Δ .
- B. Note Mfg. building in background.

#18: 3:58 PM: F 5.6, 60

- A. Storage area Δ - near center.
- B. Single corroded drum: company thought it could be X185 Bonderite make-up.

#19: 3:59 PM : F 16, 125

- A. Tanks, loading rack on south side of Mfg. building.
- B. Note barrel at base of loading rack which is used to allow waste acid to drain through to ground (therefore ground water).

#20: 4 PM : F 5.6, 125

- A. N.E. side of storage area Δ .
- B. This drum labeled Leaker Bottom was empty, my field note book is in center-bottom of picture.

#21: 4:03 PM : F 5.6, 125

- A. Storage area Δ -south side of storage building.
- B. The company insisted there was absolutely no reason for me to be inspecting this area because only empty drums and nonhazardous baghouse dust was stored here. As one is able to observe, there was no easy route through these drums, since there was no aisle space for movement to the back, i.e. west side of this storage area. Later, Lyle Rowell of Environmental Enforcement Division

had an aerial photo taken showing wastes haphazardly lying around behind the wall of drums showing in this photo. Note pictures of this area Δ taken June 22, 1982, #23-38.

May 27, 1982

#22: 12:24 PM: Took with a flash, F 5.6, 125, the reason the flash was needed was because it had just gotten dark; it started to rain after this photo was taken.

- A. Roy Schrameck collecting sample #4 from area Δ . We did not get pictures of samples 1, 2, or 3. All four samples were split with Hooker.
- B. Company said this was likely oil and emulsifier. ESD lab tested and found pH 3, flash point approximately 190°F.

June 22, 1982: It had rained the night before these pictures were taken in area Δ :

#23: 12:12 PM : F 5.6, 125

- A. Sample #1 collected by Roy Schrameck in area Δ , next to the river.
- B. Sample #1 collected from surface of ground next to fence. Note dark-stained material forming a pathway to the river; also, hole in fence. Even though it had rained and the barrels and ground were still wet the storage pad and surface of ground were heavily stained with green-yellow, black liquid wastes.

#24: 12:16 PM : F 8, 125

- A. Area Δ - west side, collection point for sample #1.
- B. This is a wider angle of picture #23, supra. Please note the yellow-green, dark colored material leaching to river.

#25: 12:17 PM : F 8, 125

- A. Sample #2-another surface ground sample collected a few feet south of sample #1 in area Δ along river.
- B. Note liquid storage drum in foreground; company could not identify the contents. We could not collect a sample of this waste because it would have to be placed in a recovery drum. The fiberpac barrel's outer shell had disintegrated. Company promised to immediately place in recovery drum and sample to determine proper disposal and share the sample with the DNR.

#26: 12:18 PM : F 8, 250

- A. Same as #25, supra: Close-up of where Roy collected sample #2, sample #2-visible on sample bottle.
- B. Note dark- stained soil.

#27: 12:19 PM : F 5.6, 125

- A. Approximately 4 ft. to east of sample collection point #2. Sample #3.
- B. Note green-yellow oil-like slick on ground in foreground.

#28: 12:20 PM : F 5.6, 60

- A. Sample #4 collected by Roy Schrameck in area 6.
- B. Note Roy collecting sample #4, the concrete appeared to have been broken down by the multicolored ooze on the pad surface.

#29: 12:21 PM : F 5.6, 60

- A. Same as #28 above-after Roy finished collecting sample #4.
- B. Note stained material on surface of pad in background. Also, the fiberpac barrel in this picture was leaking onto surface of concrete pad.

#30: 12:23 PM : F 11, 250

All four samples collected from surface of pad, or ground next to the fence are shown.

#31: 12:25 PM: F 11, 250

- A. General area where samples were collected in area 6.
- B. Note Richard Fredricks and Roy Schrameck. As noted before, company promised to save samples of these two fiberpac drums for me.

#32: 12:27 PM: F 8, 125

- A. General condition of storage area 6 behind wall of empty or stainless steel drums, see Picture #21. The wall of drums are on left side of this picture.
- B. Aerosol cans and drums have apparently leaked all or most of their contents. Company reported to me that they did not have records documenting the quantity or quality of waste in this storage area. They did not report this area to either the U.S. EPA or MDNR (Roy or myself). Vegetation in background is southern property boundary.

#33: 12:28 PM : F 5.6, 125

- A. S.W. corner of Hooker property. Note where fence comes together in upper right of picture.
- B. Picture #37 is a close up of material spilling from drums shown here falling against fence, right side of picture.

#34: 12:30 PM: F 8, 125

- A. Barrel of lab samples-many open-in center of area 6.
- B. Fredricks still insists these barrels and bottles became corroded over the winter; yet, he says this white powdered material is nonhazardous baghouse dust.

#35: 12:31 PM : F 11, 125

- A. Area 6- note southern property line fence in background.
- B. Baghouse dust piles and yellow green-ooze on concrete pad surface. This was as bad in person as this picture shows.

#36: 12:33 PM: F 11, 125

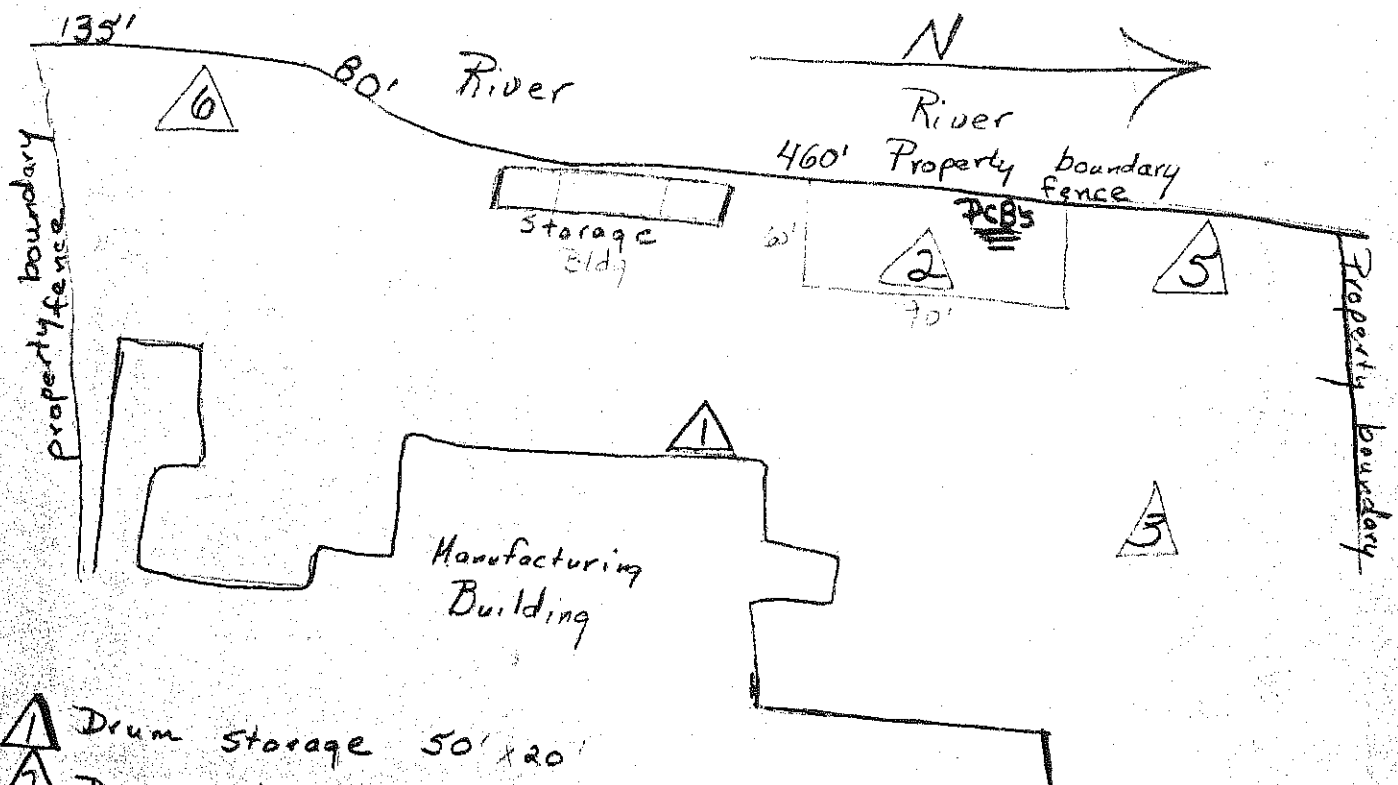
- A. Stainless steel drums in N.W. section of area 6.
- B. Drum labeled "nitric acid" was hissing and bubbling (rain water on top of drum). R. Fredricks removed bung to allow pressure to be relieved.

#37: 12:34 PM: 1.7 1/2, 60

- A. Next to river, west side of area 6.
- B. This is a close up of drums on and near fence-leaning against wood pallet (see picture #33 for wider angle).

#38: 12:36 PM : F 4, 250

- A. S.W. section of area 6.
- B. Looks like lab chemicals-obviously not carefully controlled-not part of RCRA required operating record.



- △ Drum storage 50' x 20'
- △ Drum storage 60' x 90'
- △ Drum storage 30' x 20'
- △ Drum storage 8' x 24' - not shown on this diagram
- △ Drum Storage } added by L. Koivumemi
- △ Drum Storage }

Hooker did not report storage areas 5 or 6 on their Part A - application of 10-8-80.

Above diagram copied from Hooker's Part A - not to scale.

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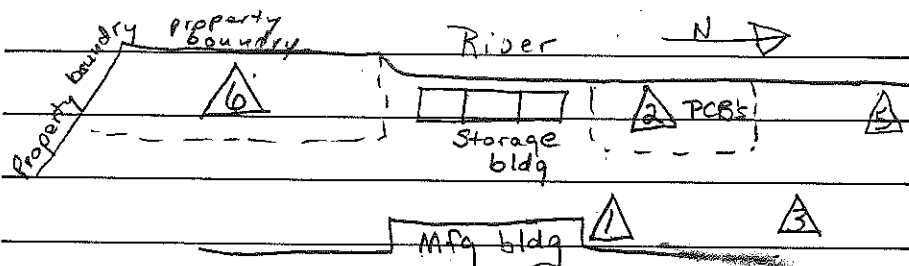
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06-22-82

ESTABLISHMENT	NO. B-2422	QUARTER	NO.
Hooker Chemicals and Plastics Corp. (Formerly Parker Chemical)		JUNE	02
NUMBER AND STREET	CITY	STAFF	NO.
322 W. Main Street	Morenci	L. Koivuniemi	97
CONTACT	TITLE	COUNTY	NO.
Richard Fredrick	Prod. Sup't.	LENAWEE	46
PRIMARY ACTIVITY		DISTRICT	NO.
Chemical Production-Mixing		ANN ARBOR	08

REMARKS:

Roy Schrameck, W.Q.D. #1, and I inspected storage area 6 which is south of the storage building next to the river.



There was no easy path to get back to the fence next to the river in storage area 6. First we tried the south end of storage area 6 but drums and lab. samples haphazardly strewn made it impossible to get to the west side of this storage area via this path. Finally, we got through by going along the south side of the storage building and pushing in the fence to get to the west side of storage area 6 which is on a concrete pad.

Mr. Fredricks and Lee Huffaker accompanied Roy and me while we collected 4 samples from the ground-no drums were sampled. The drums which we were most concerned about were two badly decomposed plastic lined fibpac barrels laying on their sides. One of which was leaking on to the ground and had eaten into the wood that the barrel was placed on. The liquid was possibly a chromic acid-like substance, since there was a greenish-yellow material near these two barrels on the ground. Roy sampled this before mentioned material; but, since it had apparently rained heavily the night before the sample was probably more diluted than it would have been if we had collected before the rain. There was evidence of rain because the area was still wet, as it had just rained.

When I had originally seen this contaminated part of area 6 on 6-15-82, there had been a lot more multi-colored liquid on the ground. This likely had been washed away by the recent rain. There was evidence that water washed directly from this storage pad into the river, because there were obvious drainage areas. Some of which were stained dark-not unlike an oil slick.

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CONTACT Richard Fredrick	TITLE Prod. Sup't.	COUNTY LENAAWEE	NO. 46
PRIMARY ACTIVITY Chemical Production-Mixing		DISTRICT ANN ARBOR	NO. 08

REMARKS:

Roy Schrameck, W.Q.D. #1, and I inspected storage area 6. (Continuation Page 2)

These areas of dark colored grass and soil may have been stained by the company's Parco T-8 which had been contained in small aerosol cans (approximately 16 oz. size). Several piles of these aerosol cans were strewn on the ground and most were corroded and empty. Parco T-8 is an oil base lubricant similar to WD40.

Many piles of the baghouse dust were exposed to the weather and was being washed away each time it rained.

The 70% ethylamine drum which was incorrectly stored open, outside during earlier inspections had been moved into the storage building, but was still stored open and was almost empty. Disposal had been illegally accomplished by allowing this material to evaporate directly to the atmosphere.

I took pictures of Roy sampling and of the storage area 6.

PCB's:

Two samples of surface/contaminant collected 5-18-82 in storage area 6 had high levels of PCB's and chromium, sample #3 from area 6 was not as high:

	A-1242	CR-Total
	PCB ug/kg (ppb)	mg/kg (ppm)
Sample #1 area 2	19,000	4,700
Sample #2 area 2	2,500,000	2,500
Sample #3 area 3	6,500	37

Clean-up and Company Sampling:

After we collected our 4 samples and took pictures of storage area 6, we had a meeting with John Gashner, Plant

PROJECT

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- 04 SOURCE TEST (COMPANY)
- 05 GRAB SAMPLE
- 06 PICTURES TAKEN
- 09 _____
- 10 _____
- 11 _____
- 12 _____
- 13 _____
- 14 _____
- 15 _____
- 16 _____
- 17 _____
- 18 _____
- 19 _____
- 00 OTHER (explain)

COMPLIANCE STATUS

- A. IN COMPLIANCE
- B. UNKNOWN COMPLIANCE
- C. OUT OF COMPLIANCE NOT ON A SCHEDULE
- D. ON A SCHEDULE MEETING INCREMENTS
- E. ON A SCHEDULE, NOT MEETING INCREMENTS
- F. ON A SCHEDULE, NOT KNOWN IF MEETING INCREMENTS

DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

☐ COMPLAINT RECEIVED
☐ PERMIT ACTION
☐ ANNUAL COMPLIANCE INVESTIGATION COMPLETED

☐ NESHAP
☐ NSPS
☐ REVISED STATUS

DATE MM/DD/YY
06-22-82

ESTABLISHMENT Hooker Chemicals and Plastics Corp. (Formerly Parker Chemical)	NO. B-2422	QUARTER JUNE	NO. 02
NUMBER AND STREET 322 W. Main Street	CITY Morenci	STAFF L. Koivuniemi	NO. 97
CONTACT Richard Fredrick	TITLE Prod. Sup't.	COUNTY LENAAWEE	NO. 46
PRIMARY ACTIVITY Chemical Production-Mixing		DISTRICT ANN ARBOR	NO. 08

REMARKS:

Roy Schrameck, W.Q.D. #1, and I inspected storage area
6 . (Continuation Page 3)

Manager, Mr. Richard Fredricks; and Lee Huffaker, Chemist.
We requested and obtained as much of their operating
record as was available, i.e.:

(1) 24 Manifests of Waste shipped since May 1982

(2) 29 Generator's Waste Material Profile Sheets

(3) Logs of : Chemical waste to ship, transfer
record, and chemical waste already
shipped.

Much of the waste stored on the west side of area 6
near the river was not labeled and the company could
not specifically identify it. The company promised to
start immediately to contain all leaking waste
and test it to determine proper handling and disposal.
The company's operating record is much more deficient
than I had originally determined.

Slowly, more and more information is dragged out of the
company concerning quality, quantity and location of
hazardous waste stored. The company has been less than accurate
in answering my questions concerning their hazardous
waste activity and practices.

After we had copies of their operating record (required
by Appendix I), I asked the company if they had
PCB's on the property either in use or storage. They
said no-absolutely not-not even in any transformers because the
transformers had been tested.

Then Roy S. gave them a copy of the testing results of the
3 samples we collected 5-18-82. The three officials could
explain the chromium levels because the company used
chromium; but the 2.5% PCB-A 1242 was not readily
explained. We informed the company that they had to
determine the extent of the contamination and the source
of the PCB's, as well as clean up the contaminated
environment, i.e. soils, river sediment and ground

PROJECT

- 01 MAJOR SOURCE
- 02 MINOR SOURCE
- 03 RESIDENCE
- 04 MEETING - CONFERENCE
- 05 TRAINING
- 07
- 08
- 09
- 10
- 00 OTHER (explain)

SURVEY ACTION

TYPE NO.

- 01 EMISSION POINTS INVESTIGATED
- 02 VISIBLE EMISSION EVALUATION
- 03 SOURCE TEST (STAFF)
- 04 SOURCE TEST (COMPANY)
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AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

☐ COMPLAINT RECEIVED
☐ PERMIT ACTION
☐ ANNUAL COMPLIANCE INVESTIGATION COMPLETED

☐ NESHP
☐ NSPS
☐ REVISED STATUS

ESTABLISHMENT		NO.	DATE MM/DD/YY	
Hooker Chemicals and Plastics Corp. (Formerly Parker Chemical)		B-2422	06-22-82	
NUMBER AND STREET		CITY	QUARTER	NO.
322 W. Main Street		Morenci	JUNE	02
CONTACT		TITLE	STAFF	NO.
Richard Fredrick		Prod. Sup't.	L. Koivuniemi	07
PRIMARY ACTIVITY			COUNTY	NO.
Chemical Production-Mixing			LENAWEE	16
Page 4			DISTRICT	NO.
			ANN ARBOR	08
REMARKS:		PROJECT		
water if necessary.		01 MAJOR SOURCE		
The company agreed to have this area <u>Δ</u> cleaned up and		02 MINOR SOURCE		
leaking or leaching waste in recovery drums by July 6,		03 RESIDENCE		
1982 and to have a study plan by approximately July		04 MEETING - CONFERENCE		
12 or 13 when the parent company's environmental audit is		05 TRAINING		
conducted at the Morenci facility.		07		
		08		
		09		
		10		
Source of PCB's ?:		00 OTHER (explain)		
The company informed us that they use only internally		SURVEY ACTION		
generated waste oil for dust control; therefore, a		TYPE		
waste oil for dust control from an outside source was not		NO.		
responsible for this PCB contamination.		01 EMISSION POINTS INVESTIGATED		
The company had transferred and stored Reacto-bond (an		02 VISIBLE EMISSION EVALUATION		
oily product) in area <u>Δ</u> ; therefore, they will be		03 SOURCE TEST (STAFF)		
checking to see if this product is contaminated with		04 SOURCE TEST (COMPANY)		
PCB's through an inadvertent side reaction.		05 GRAB SAMPLE		
I called Dave Long (6-24-82), ESD Lab; he said that		06 PICTURES TAKEN		
there was practically no chance there was a lab error,		09		
Also, since total oil (FE-Oil) was 54,000 mg/kg or		10		
ppm or 5.4% that the oil in the sample #2 was approximately		11		
46% PCB.		12		
I also asked Dave to make sure chain of custody was		13		
maintained and to save these three samples indefinitely		14		
or until notice from Roy-since they were Roy's samples		15		
and may be important to either a civil or criminal		16		
enforcement case.		17		
Company promised to save samples of liquid in the two		18		
badly decomposed plastic lined fiberpac drums, as well		19		
as their baghouse dust for me to pick up. The		00 OTHER (explain)		
company thought the liquid in these two barrels was		COMPLIANCE STATUS		
CWM #66701. I tried to decode this by looking up		A. IN COMPLIANCE		
Code 66701 on the Generator's Waste Management Material		B. UNKNOWN COMPLIANCE		
Profile Sheet, but the company had not given me		C. OUT OF COMPLIANCE NOT ON A SCHEDULE		
this document. I have 66700 and 66702, but not 66701.		D. ON A SCHEDULE MEETING INCREMENTS		
U.S. EPA Phone call of June 23, 1982 :		E. ON A SCHEDULE, NOT MEETING INCREMENTS		
Received telephone call from Ms. Sally Swanson of.....		F. ON A SCHEDULE, NOT KNOWN IF MEETING INCREMENTS		

DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

☐ COMPLAINT RECEIVED
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☐ ANNUAL COMPLIANCE INVESTIGATION COMPLETED

☐ NESHAP
☐ NSPS
☐ REVISED STATUS

DATE MM/DD/YY 06-22-82	
QUARTER JUNE	NO. 02
STAFF L. Koivuniemi	NO. 97
COUNTY LENAWEE	NO. 46
DISTRICT ANN ARBOR	NO. 08

ESTABLISHMENT Hooker Chemicals and Plastics Corp. (Formerly Parker Chemical)	NO. B-2422
NUMBER AND STREET 322 W. Main Street	CITY Morenci
CONTACT Richard Fredrick	TITLE Prod. Sup't.
PRIMARY ACTIVITY Chemical Production-Mixing	

Pg 5 of 5

REMARKS:

Roy Schrameck, W.Q.D. #1, and I inspected storage area 6. (Continuation Page 5)

U.S. EPA Region V, Chicago, Telephone (312) 886-7482. She is assigned to write and coordinate the enforcement or compliance order with the company. I promised to get the information I obtained since June 14, 1982 off to her within the next week.

Telephone Call to Lyle Rowell of Environmental Enforcement Division on June 23, 1982:

I called Lyle to make sure he knew about: all of my inspections at Hooker and the high levels of PCB's in the samples collected in area A. Lyle confirmed that there was no need for him to be involved in the sampling or meeting with Hooker on June 22, 1982. Since the company is cleaning up the barrels and agreeing to do a hydro-geological study and perform the subsequent environmental clean-up as necessary, it appears a criminal court case may not be pursued. I will continue to inform Lyle of important findings which he may need.

PROJECT	
01	MAJOR SOURCE
02	MINOR SOURCE
03	RESIDENCE
04	MEETING - CONFERENCE
05	TRAINING
07	
08	
09	
10	
00	OTHER (explain)

SURVEY ACTION	TYPE	NO.
01	EMISSION POINTS INVESTIGATED	
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DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

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☐ PERMIT ACTION
☐ ANNUAL COMPLIANCE INVESTIGATION COMPLETED

☐ NESHAP
☐ NSPS
☐ REVISED STATUS

DATE MM/DD/YY

06-15-82

ESTABLISHMENT <u>Hooker Chemicals and Plastics Corporation (formerly Parker Chemical)</u>	NO. <u>B-2422</u>	QUARTER <u>JUNE</u>	NO. <u>02</u>
NUMBER AND STREET <u>322 W. Main Street</u>	CITY <u>Morenci</u>	STAFF <u>L. Koivuniemi</u>	NO. <u>07</u>
CONTACT <u>Richard Fredrick</u>	TITLE <u>Prod. Sup't.</u>	COUNTY <u>LENAWEE</u>	NO. <u>46</u>
PRIMARY ACTIVITY <u>Chemical Production-Mixing</u>		DISTRICT <u>ANN ARBOR</u>	NO. <u>08</u>

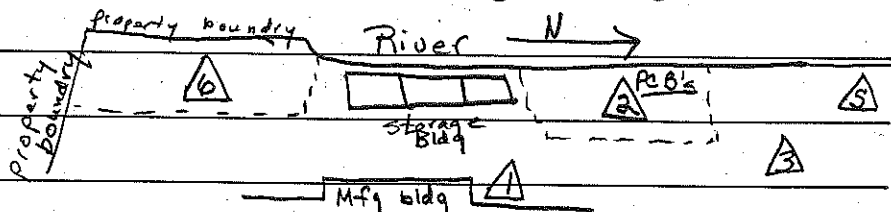
REMARKS:

Dhruman Shah, Permit Engineer and I met with Richard Speed at the company to discuss the Permit to Install applications numbered 243-82, 244-82, and 245-82. Dhruman needed more process information and wanted to look at existing equipment. The company is sending Dhruman a letter with the additional requested information.

Could not conduct a scheduled investigation since the processes were not operating at the time of the meeting, afternoon of 6-15-82.

RCRA (Resource Conservation Recovery Act-Haz. Waste):

I had received a telephone call (06-08-82) and an aerial photo (June 9, 1982) from Lyle Rowell of Environmental Enforcement Division (E.E.D.) informing me that there were some more drums that neither Lyle nor I had previously known about. Therefore, I asked Mr. Fredricks about storage area 6 which is located on the river on the south side of the storage building.



Mr. Fredricks insisted that there was not any hazardous waste stored there-only nonhazardous baghouse dust (phosphates) and empty drums.

I insisted that I needed to take a look. Mr. Fredricks continued to want to know why I thought there was anything back there that may be a problem. Finally, I told him that I had seen an aerial photo that had been taken recently and wanted to check out the area. Then Mr. Fredricks said it was all right and I climbed (squeezed) through several rows of drums to discover a mess. There were approximately 100 drums of which many were corroded, leaking or open. Several drums were open and filled with laboratory bottles filled with samples. Two fiberpac barrels with a....

PROJECT

- 01 MAJOR SOURCE
- 02 MINOR SOURCE
- 03 RESIDENCE
- 04 MEETING -- CONFERENCE
- 05 TRAINING
- 07
- 08
- 09
- 10
- 00 OTHER (explain)

SURVEY ACTION

TYPE NO.

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AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

☐ COMPLAINT RECEIVED

☐ PERMIT ACTION

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ESTABLISHMENT		NO.	DATE MM/DD/YY																																																										
Hooker Chemicals and Plastics, Corp.		B-2422	06-15-82																																																										
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REMARKS:		PROJECT																																																											
<p><u>plastic internal liner were laying on their side, one was leaking. The fiberpac outer shell had broken down and only the plastic liner was holding the liquid. The liquid was corrosive; it had dripped on & eaten through some wood under it.</u></p> <p><u>I informed Mr. Fredricks that this "mess" had to be cleaned up right away, since everytime it rained the contaminants washed directly into the river immediately adjacent to these leaking drums.</u></p> <p><u>Mr. Fredricks did not know what was in these two fiberpac barrels containing liquid. He said the company would analyze them to determine proper disposal and clean up the area.</u></p> <p><u>When I got back to the office, I called Roy Schrameck of W.Q.D. #1 to inform him of this newly discovered improper storage area. Roy was in Chicago; therefore, I left him a message to call me when he returned.</u></p> <p><u>Monday June 21, 1982 :</u></p> <p><u>Roy called me back on Monday 06-21-82. Roy had received the results from our 05-18-82 sampling showing extremely high levels of PCB's on the ground near the river.</u></p> <p><u>Therefore, Roy and I decided it was necessary to document what was in this newly discovered unacceptable storage area. Roy called Ron Waybrandt, PCB Coordinator in Lansing and Lyle Rowell of E.E.D. Ron W. told Roy to follow up as planned. Lyle was not in; therefore, Roy Schrameck talked to Warren Hutchinson of E.E.D. who informed Roy that Lyle did not need to be involved in our investigation or meeting with Hooker, on Tues. 6-22-82.</u></p> <p><u>Roy and I arranged to go to Hooker the following day June 22, 1982.</u></p>		<p>01 MAJOR SOURCE</p> <p>02 MINOR SOURCE</p> <p>03 RESIDENCE</p> <p>04 MEETING - CONFERENCE</p> <p>05 TRAINING</p> <p>07 _____</p> <p>08 _____</p> <p>09 _____</p> <p>10 _____</p> <p>00 OTHER (explain)</p>																																																											
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MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

June 14, 1982

A.Q.D. - Lansing File

B 2422

Lenawee Co.

TO: Al Howard, OHWM, MDNR
U.S. EPA, Region V, Chicago

FROM: Linda Koivuniemi, A.Q.D.

SUBJECT: Hooker Chemicals and Plastics, Morenci
RCRA AND ACT 64 VIOLATIONS

Attached are:

- (1) Three activity reports describing my recent RCRA investigations to Hooker Chemicals and Plastics, Morenci.
- (2) A letter from John D. Kashner of Hooker dated June 1, 1982.
- (3) RCRA inspection report.
- (4) Draft EPA Compliance Order.

Please note in my three attached activity reports that this company has changed its story on more than one occasion:

- (1) At the beginning the hazardous waste drums had been accumulating since April, 1981; then later the drums had been in storage prior to RCRA rules going into effect on November 19, 1980.
- (2) Also, at the beginning the company would not accept returned product/waste unless the company returning the unused material paid a fee of approximately \$120 per drum. Then, after I informed the company they were accepting unmanifested waste, they changed and said they accepted unused product back from the customer for credit.

It is my understanding that the Federal Register/Vol. 45, No. 229/Tuesday, November 25, 1980/Rules and Regulations, does not apply to the Hooker returned material because the returned product/waste is not regulated under 261.33, but hazardous based on its characteristics under Sub part C of 40 CFR 261.

Due to the serious violations caused by leaking and open hazardous waste drums, it is my belief that this company should be fined and issued the attached Compliance Order without further delay.

cc: Joe Boyle, U.S. EPA Region V (no attachments) sent directly to Chicago from the Ann Arbor Air Quality Office.

LKK:vl

AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

☐ COMPLAINT
RECEIVED☐ PERMIT
ACTION☐ ANNUAL COMPLIANCE
INVESTIGATION
COMPLETED☐ NESHAP☐ NSPS☐ REVISED
STATUS

DATE MM/DD/YY

05-18-82

ESTABLISHMENT Hooker Chemicals and Plastics Corporation (Formerly Parker Chemical)	NO. B-2422	QUARTER MAY	NO. 02
NUMBER AND STREET 322 W. Main Street	CITY Morenci	STAFF L. Koivuniemi	NO. 97
CONTACT Richard Fredrick	TITLE Prod'n Sup't.	COUNTY Lenawee	NO. 46
PRIMARY ACTIVITY Chemical Production-Mixing RCRA Inspection #2:		DISTRICT Ann Arbor	NO. 08

REMARKS:

Conducted a joint investigation of this company's hazardous waste storage practices with Roy Schrameck, District Engineer, Water Quality District #1. As stated in my previous activity report of 05-14-82, there appeared to be Act 245 (Water Law) violations due to this company's hazardous waste drum storage area, i.e. open or leaking drums. Therefore, Roy and I conducted this follow up inspection.

Roy and I informed the company that I would be collecting more information for my RCRA report (as an authorized representative of the U.S. EPA) and Roy would be inspecting the company for possible Act 245 violations. Since the MDNR's Office of Hazardous Waste Management (OHWM) does not have field staff; they did not have anyone at this inspection. I had contacted OHWM and informed them of the huge number of leaking drums and, also that Roy and I would follow up with an inspection and sampling. OHWM was in agreement with the need for a more complete inspection to determine the contents of the leaking drums located in the company's hazardous waste storage area.

When I checked the company's inspection log of the drums the company generally had not been noting and correcting the problems of leaking drums, open drums and inadequate aisle space. One problem was cited in April 1982: a barrel of 70% ethylamine (no longer used raw material - not a Hooker product) had been expanding due to warm weather. Mr. Fredrick corrected this problem by "rupturing and venting" to release the pressure in the drum. This was the source of the strong, irritating odor that I had detected during my first or May 14, 1982 site investigation. This waste ethylamine storage drum was not in the same storage area Δ that I had been shown on my first inspection, but in storage area Δ approximately 20 feet west of storage area Δ (diagram attached).

The company informed Roy and I that the drums had been accumulating since April 1981. This is apparently a violation of Act 64, P. A. 1979-long term storage, which requires a permit.....

PROJECT

- 01 MAJOR SOURCE
- 02 MINOR SOURCE
- 03 RESIDENCE
- 04 MEETING - CONFERENCE
- 05 TRAINING
- 07 _____
- 08 _____
- 09 _____
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- 00 OTHER (explain)

SURVEY ACTION

TYPE NO.

- | | | |
|---------------------------------|--|--|
| 01 EMISSION POINTS INVESTIGATED | | |
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| 03 SOURCE TEST (STAFF) | | |
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COMPLIANCE STATUS

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AIR QUALITY DIVISION

ACTIVITY REPORT

AQ-42

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ESTABLISHMENT Hooker Chemicals and Plastics Corporation	NO. B-2422	QUARTER MAY	NO. 02
NUMBER AND STREET	CITY	STAFF L. Koivuniemi	NO. 97
CONTACT	TITLE	COUNTY Lenawee	NO. 46
PRIMARY ACTIVITY Page 2		DISTRICT Ann Arbor	NO. 08

REMARKS:

if storing longer than one year.

Mr. Fredrick informed us that the only reason the drums were still on site was because they had problems getting approval from Cecos; therefore, the company switched to Chemical Waste Management in Alabama and was working on a contract and getting a truck in to ship the waste. The shipping date had not been set yet.

Accepting Unmanifested Hazardous Waste:

When asked why the drums were in such bad shape, i.e. leaking and corroded, Mr. Fredrick said many of the drums had arrived that way as returned product or off spec material from companies which Hooker had originally supplied, as well as, it was a bad winter. Most of these companies returning this waste pay Hooker a disposal cost of \$120 per drum, occasionally a company may get a credit toward their next purchase from Hooker.

~~When I asked to see the manifests for these off-spec or returned products, the company informed me that the waste was not manifested because Hooker made the decision after the returned drum contents were inspected by Hooker to determine if Hooker could use or recycle the waste. I informed Mr. Fredrick and Richard Speed that the material "being beneficially used or reused or legitimately recycled or reclaimed" 40CFR 261.6, need not be manifested. But at the point Hooker has decided it can not reclaim this material and therefore the waste is to be disposed of, it is a waste, and also, Hooker has accepted an unmanifested hazardous waste if it is hazardous (40 CFR Part 261, Identification of Hazardous Waste).~~

Roy Schrameck informed Mr. Fredrick and Richard Speed that it appeared Hooker may be required to conduct a MDNR approved hydrogeological survey to determine if Hooker's practices of waste disposal had created ground water contamination. The company did not react negatively to Roy's suggestion for a hydro-survey.

PROJECT

- 01 MAJOR SOURCE
- 02 MINOR SOURCE
- 03 RESIDENCE
- 04 MEETING - CONFERENCE
- 05 TRAINING
- 07 _____
- 08 _____
- 09 _____
- 10 _____
- 00 OTHER (explain)

SURVEY ACTION

TYPE

NO.

- | | | |
|---------------------------------|--|--|
| 01 EMISSION POINTS INVESTIGATED | | |
| 02 VISIBLE EMISSION EVALUATION | | |
| 03 SOURCE TEST (STAFF) | | |
| 04 SOURCE TEST (COMPANY) | | |
| 05 GRAB SAMPLE | | |
| 06 PICTURES TAKEN | | |
| 09 _____ | | |
| 10 _____ | | |
| 11 _____ | | |
| 12 _____ | | |
| 13 _____ | | |
| 14 _____ | | |
| 15 _____ | | |
| 16 _____ | | |
| 17 _____ | | |
| 18 _____ | | |
| 19 _____ | | |
| 00 OTHER (explain) | | |

COMPLIANCE STATUS

- A. IN COMPLIANCE
- B. UNKNOWN COMPLIANCE
- C. OUT OF COMPLIANCE NOT ON A SCHEDULE
- D. ON A SCHEDULE MEETING INCREMENTS
- E. ON A SCHEDULE, NOT MEETING INCREMENTS
- F. ON A SCHEDULE, NOT KNOWN IF MEETING INCREMENTS

AIR QUALITY DIVISION

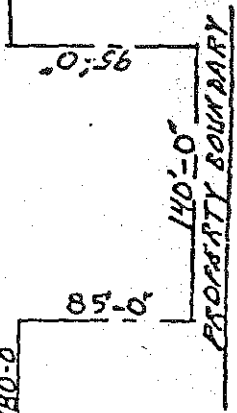
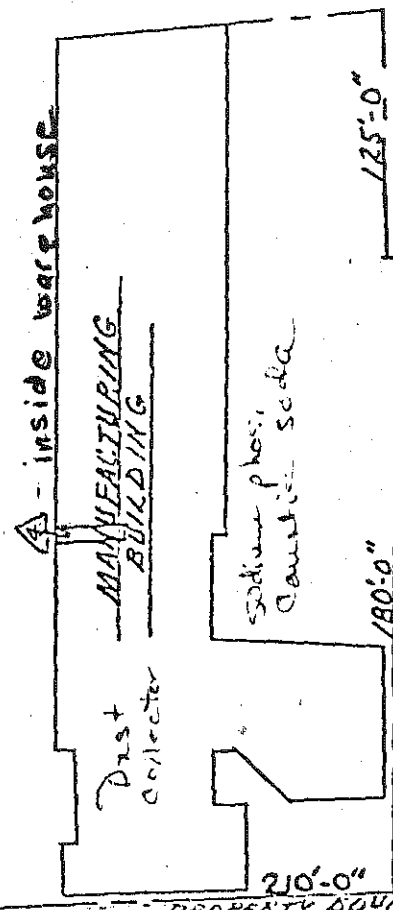
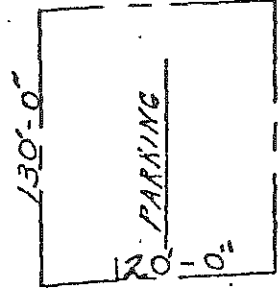
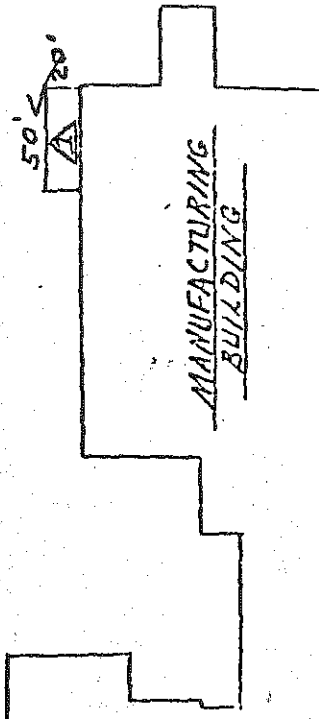
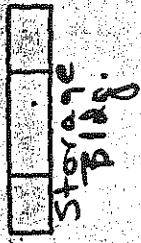
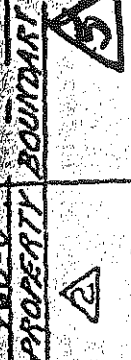
ACTIVITY REPORT

AQ-42

☐ COMPLAINT
RECEIVED☐ PERMIT
ACTION☐ ANNUAL COMPLIANCE
INVESTIGATION
COMPLETED☐ NESHAP☐ NSPS☐ REVISED
STATUS

ESTABLISHMENT		NO.		DATE MM/DD/YY	
Hooker Chemicals and Plastics Corporation		B-2422		05-18-82	
NUMBER AND STREET		CITY		QUARTER	
				MAY	
CONTACT		TITLE		STAFF	
				L. Koivuniemi	
PRIMARY ACTIVITY				COUNTY	
Page 3 of 3				Lenawee	
REMARKS:				DISTRICT	
				Ann Arbor	
				PROJECT	
Request for Pictures and Samples:				01 MAJOR SOURCE	
Roy and I asked the company officials if they had any objections to our taking pictures and samples. Richard Speed asked John D. Cashner, Plant Manager, for permission. Mr. Cashner came in to Mr. Speed's office where we were waiting and said it was all right.				02 MINOR SOURCE	
I took twenty-two pictures and Roy took three samples from the ground, (description attached). We saw six different drum storage areas. Apparently, pictures were lost in processing. Since they were not returned to me from Kodak, Mr. Fredrick insisted that the company was not presently storing ignitable or reactive waste as reported in their Part A application to the U.S. EPA. I observed in storage area 2 at least one drum labeled Industrial Solvents; therefore, I am not convinced that Mr. Fredrick was accurate in this statement. Therefore, since Roy and I did not have the proper equipment to sample drums, I will be returning to Hooker with the proper sampling equipment to verify what is in some of the drums, and compare these samples to what Hooker has in their operating record (as required by 40 CFR 265.73).				03 RESIDENCE	
Roy and I also looked at an area of 4,000 gallon storage tanks in the basement of the west manufacturing building, used to store corrosive products going out (e.g. nickel nitrate). These tanks may be used to store hazardous waste if needed in the future.				04 MEETING - CONFERENCE	
Hooker's Prdt labeling system:				05 TRAINING	
yr. area Batch #				06	
9 1 2373				07	
The 9 refers to 1979.				08	
91273-cold cleaner lying on its side next to fence area 2				09	
Size of storage area 2 (estimated): 29 drums X 3 drums X 15 drums equals approximately 1,300 drums.				10	
Mr. Fredrick said he "had 935 drums stored in back and 150 across the street". Also, in the future the company hoped to have only 80 drums in storage at a time.				11	
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				18	
				19	
				00 OTHER (explain)	
				SURVEY ACTION	
				TYPE	
				NO.	
				01 EMISSION POINTS INVESTIGATED	
				02 VISIBLE EMISSION EVALUATION	
				03 SOURCE TEST (STAFF)	
				04 SOURCE TEST (COMPANY)	
				05 GRAB SAMPLE	
				06 PICTURES TAKEN	
				07	
				08	
				09	
				10	
				11	
				12	
				13	
				14	
				15	
				16	
				17	
				18	
				19	
				00 OTHER (explain)	
				COMPLIANCE STATUS	
				A. IN COMPLIANCE	
				B. UNKNOWN COMPLIANCE	
				C. OUT OF COMPLIANCE NOT ON A SCHEDULE	
				D. ON A SCHEDULE MEETING	
				15 INCREMENTS	
				E. ON A SCHEDULE, NOT MEETING INCREMENTS	
				F. ON A SCHEDULE, NOT KNOWN IF MEETING INCREMENTS	

460'-0"
PROPERTY BOUNDARY



- △ Drum Storage 50' x 20'
- △ Drum Storage 60' x 20'
- △ Drum Storage 30' x 20'
- △ Drum Storage 8' x 24'
- △ 3'
- △ 6'

270'-0"
PROPERTY BOUNDARY

90'-0"
100'-0"
233'-0"
OFFICE

inside warehouse

Dust collector

Sodium phosphate
Caustic soda

210'-0"

PROPERTY BOUNDARY

Part of RCEA
Part A - application

OXY METAL, MORENO, MI.

SCALE: 1" = 100'-0"

ACTIVITY REPORT

AQ-42

☐ COMPLAINT RECEIVED
☐ PERMIT ACTION
☐ ANNUAL COMPLIANCE INVESTIGATION COMPLETED

☐ NESHAP
☐ NSPS
☐ REVISED STATUS

DATE MM/DD/YY 05-14-82	
QUARTER MAY	NO. 02
STAFF L. Koivunien	NO. 97
COUNTY Lenawee	NO. 46
DISTRICT Ann Arbor	NO. 08

ESTABLISHMENT Hooker Chemicals and Plastics Corporation	(Formerly Parker Chemical) B-2422
NUMBER AND STREET 322 W. Main Street	CITY Morenci
CONTACT Richard Fredrick	TITLE Prod. Sup't.
PRIMARY ACTIVITY Chemical Production-Mixing	

REMARKS:

As an authorized representative of the U.S. EPA, on May 14, 1982, I conducted a site investigation to evaluate Hooker Chemicals and Plastics Corporation in Morenci for compliance of Subtitle C of the Resource Conservation Recovery Act (RCRA).

During the investigation, I completed the form: RCRA Inspection Report. The company has applied for storage only on their Part A application, no treatment or disposal.

During this inspection, I observed one hazardous waste drum storage area on the bank of a river on a concrete pad on the north side of a storage building. I observed the following problems with this drum storage (labeled 2 in the Part A application):

- (1) Leaking, corroded metal drums (approximately 1,000 drums in storage).
- (2) Uncovered drums.
- (3) One drum with an apparent forklift hole near the bottom-drum was empty - except a few inches of liquid below the hole.
- (4) On the surface of the concrete in between the rows of drums, ooze and colored waste material had collected. It looked as if these drums had been stored and waste had been leaking for a considerable period of time.
- (5) Drums were collapsed and falling into the fence on the bank of the river.
- (6) One partially buried drum between the fence and the river at the north end of the storage building.
- (7) While walking on the east side of this drum storage area, I observed a strong, irritating odor. I asked Richard Fredrick what the odor was; he said he could not smell anything. I then asked and received permission to inspect the roof to determine if this odor was emanating from a process stack. While on the roof, I could not detect the odor. I asked Mr. Fredrick to follow up on this and determine where it was coming from, and also said I would be back to investigate further.

PROJECT

- | | |
|----|----------------------|
| 01 | MAJOR SOURCE |
| 02 | MINOR SOURCE |
| 03 | RESIDENCE |
| 04 | MEETING - CONFERENCE |
| 05 | TRAINING |
| 07 | |
| 08 | |
| 09 | |
| 10 | |
| 00 | OTHER (explain) |

SURVEY ACTION

TYPE NO.

- | | | | |
|----|------------------------------|--|--|
| 01 | EMISSION POINTS INVESTIGATED | | |
| 02 | VISIBLE EMISSION EVALUATION | | |
| 03 | SOURCE TEST (STAFF) | | |
| 04 | SOURCE TEST (COMPANY) | | |
| 05 | GRAB SAMPLE | | |
| 06 | PICTURES TAKEN | | |
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| 00 | OTHER (explain) | | |

COMPLIANCE STATUS

- | | |
|----|--|
| A. | IN COMPLIANCE |
| B. | UNKNOWN COMPLIANCE |
| C. | OUT OF COMPLIANCE NOT ON A SCHEDULE |
| D. | ON A SCHEDULE MEETING INCREMENTS |
| E. | ON A SCHEDULE, NOT MEETING INCREMENTS |
| F. | ON A SCHEDULE, NOT KNOWN IF MEETING INCREMENTS |

AQ-42

<input type="checkbox"/>	NESHAP
<input type="checkbox"/>	NSPS
<input type="checkbox"/>	REVISED STATUS

R5642
3/77

rec'd May 27 1982
by Linda Koivuniemi

Date: May 14, 1982

From: J. E. Hutchison

Dept/Loc: Manufacturing-Morenci

Subject: RCRA Inspection

To:

On May 14, 1982, Linda Koivuniemi, representative for the Michigan Department of Natural Resources, Air Quality Division, performed a RCRA inspection of the Morenci facility. Those asked to give their input were Richard Speed, Richard Fredrick, Leland Huffaker, and Joyce Hutchison.

Listed below are the items that were suggested by Ms. Koivuniemi to assist us in our RCRA compliance.

- o Log dates of outgoing manifests and date of returned certificate of disposal and signed manifests.
- o List of waste materials consisting of quality, quantity, and/or volume.
- o Follow up RCRA training with employees, train Jose' Diccion.
- o For our Waste Analysis Plan - keep a record and copies of all tests run on wastes, including Panel Department sludge. The records are to be kept at Morenci. An operating log must be kept as per Section 265.73.
- o Institute a log for inspection of our fence that perimeters our waste material. This inspection should be done once a week, along with inspection of storage area as per Section 265.15.
- o Review RCRA Plan annually.
- o Store waste two drums wide with a suitable aisle to walk thru for inspections.
- o All leaking containers must be transferred immediately to good containers, and all spills promptly and properly cleaned up.
- o Submit Emergency Contingency Plan to local authorities, police chief and fire chief. A letter should accompany plan requesting their signature to confirm that they received such information.

Copies:

SUBJECT: RCRA Inspection

DATE: May 14, 1982

PAGE 2

- o Closure Plan - cost estimate must be updated once a year, by May 19. Be sure to date the cost estimate as per Section 265.75.
- o Training of employees should be updated at least once per year and recorded as per Section 265.16.
- o The RCRA Interim Status Manual prepared in 1981 by R. G. Speed and L. K. Huffaker, which addressed all of the above items as well as the complete Section 265, texts were most helpful to the inspector. This manual should be updated and reissued.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION V

IN THE MATTER OF:)	DOCKET NO.
)	
Hooker Chemicals & Plastics)	COMPLAINT AND
Corporation)	FINDINGS OF VIOLATION
Morenci, Michigan)	
)	
EPA ID NO. MI 058723867)	

This complaint is pursuant to Section 3008 of the Resource Conservation and Recovery Act of 1976, as amended (RCRA), 42 U.S.C. 6928, and is equivalent to a Compliance Order referred to in that Section. The Complainant is the Director, Enforcement Division, Region V, United States Environmental Protection Agency (U.S. EPA). The Respondent Hooker Chemicals & Plastics Corporation, located at 322 W. Main Street, Morenci, Michigan.

Pursuant to 42 U.S.C. 6928(a) and based on a compliance inspection conducted by an authorized representative of the U.S. EPA on May 14, 1982, May 18, 1982 and May 27, 1982 it has been determined that Hooker Chemicals & Plastics, is in violation of Subtitle C of RCRA, Section 3004, 42 U.S.C. 6924 and regulations 40 CFR 265.15(b), 265.17, 265.31, 265.32(a), 265.35, 265.53(b), 265.73, 265.76, 265.171, 265.173(a) and 265.173(b).

FINDINGS

This determination is based on the following findings of violation:

1. The Respondent submitted a Permit application as required by RCRA, Section 3010, on November 18, 1980(?). The Respondent was granted Interim Status under RCRA on that date and is required to comply

with all Interim Status Standards, as found in 40 CFR 265, on that date.

2. Pursuant to 40 CFR 265.15 (b), the owner/operator is required to develop a written schedule for inspecting all monitoring, safety, emergency and operating equipment at the facility. The frequency of inspection may vary for the items on the schedule. Areas subject to spills, such as loading and unloading areas, must be inspected daily when in use. At the time of the inspections, the owner/operator had no written inspection schedule for daily inspections, a violation of 40 CFR 265.15 (b).

3. Pursuant to 40 CFR 265.17, the owner/operator must take precautions to prevent accidental ignition or reaction of ignitable or reactive waste. This waste must be separated and protected from sources of ignition or reaction. "No Smoking" signs must be conspicuously placed wherever there is a hazard from ignitable or reactive waste. At the time of the inspections, the owner/operator was storing an ignitable waste (70% ethylamine) open and did not have conspicuous "No Smoking" signs, a violation of 40 CFR 265.17.

4. Pursuant to 265.31, the owner/operator must maintain facilities to minimize the possibility of a release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment. At the time of the inspections hazardous waste drum contents were leaking onto the ground, stored open and releasing hazardous waste into the atmosphere, as well as, water run-off was being allowed to drain into a river, since the storage area was located on a river bank, a violation of 40 CFR 265.31.

5. Pursuant to 40 CFR 265.32 (a), the owner/operator is required to equip the facility with an alarm or internal communication systems capable of providing immediate emergency instructions to facility personnel. At the time of the inspections, the owner/operator did not provide either of the above systems in the storage areas located outside the buildings, a violation of 40 CFR 265.32 (a).

6. Pursuant to 40 CFR 265.35, the owner/operator must maintain space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment and decontamination equipment to any area of facility operation. At the time of the inspections, the owner/operator did not provide adequate aisle space to clean up spilled waste which was present, a violation of 40 CFR 265.35.

7. Pursuant to 40 CFR 265.53 (b) a copy of the contingency plan and all revisions to the plan must be submitted to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services. At the time of the inspections, the owner/operator had not supplied the required, local authorities with copies of the contingency plan, a violation of 40 CFR 53 (b).

8. Pursuant to 40 CFR 265.73, the owner/operator must keep a written operating record at his facility. The following information must be recorded: (1) A description and the quantity of each hazardous waste received, and the method(s) and date(s) of its treatment, storage, or disposal; (2) The location of each hazardous waste within the facility and the quantity at each location. At the time of the inspections the owner/operator did not have a written operating record describing the quantity, location and dates of hazardous waste received

or stored.

9. Pursuant to 40 CFR 265.76, if a facility accepts for treatment, storage or disposal any hazardous waste from an off-site source without an accompanying manifest, then the owner/operator must prepare and submit a single copy of a report to the Regional Administrator within 15 days after receiving the waste. At the time of the inspections the owner/operator had unmanifested hazardous waste from off-site facilities in storage, a violation of 40 CFR 265.76.

10. Pursuant to 40 CFR 265.171, the owner/operator is required to transfer hazardous waste from leaking or in poor condition containers to proper containers or to manage the hazardous waste in a manner that complies with other 40 CFR 265 requirements. At the time of the inspections, the owner/operator stored hazardous waste in containers which were in poor condition and leaking, a violation of 40 CFR 265.171.

11. Pursuant to 40 CFR 265.173 (a), the owner/operator is required to keep all hazardous waste containers closed except to add or remove waste. At the time of the inspections, containers holding hazardous waste were found to be stored open, a violation of 40 CFR 265.173 (a).

12. Pursuant to 40 CFR 265.173 (b), the owner/operator is required to manage containers holding hazardous waste in a manner which will prevent the container from rupture or leaking. At the time of the inspections the owner/operator stored hazardous waste in containers with holes and leaking, a violation of 40 CFR 265.173 (b).

ORDER

IT IS HEREBY ORDERED that Hooker Chemicals and Plastics Corporation, Morenci, Michigan, take the following corrective action within the specified time for achieving compliance with Subtitle C of RCRA, Section 3004, 42 U.S.C. 6924 and regulations 40 CFR 265.15 (b), 265.17, 265.31, 265.32 (a), 265.35, 265.53 (b), 265.73, 265.76, 265.171, 265.173 (a) and 265.173 (b).

1. The owner/operator shall within 30 days of receipt of this Order achieve compliance with the following requirements:

- a. An acceptable, written facility inspection schedule shall be developed and implemented.
- b. "No Smoking" signs shall be conspicuously placed wherever there is a hazard from ignitable or reactive waste.
- c. At appropriate locations throughout the facility, alarm or internal communication systems shall be installed to provide emergency instructions to all personnel.
- d. Adequate aisle space shall be provided in those areas of the facility where emergency response equipment and personnel will require during emergencies and inspections.
- e. The contingency plan and all revisions to the plan shall be provided to local and police and fire departments, hospitals and emergency response teams that may be called on to provide emergency services.

- f. All hazardous waste containers shall be provided with lids and kept sealed, except during waste movements in or out of containers.
- g. All containers or tanks, which receive hazardous waste for storage or treatment, and which leak, are corroded or otherwise allow the waste to leave the container or tank shall be replaced by containers or tanks of good operating condition. All wastes held by the above containers or tanks shall be transferred to suitable containers or tanks until the replacement is completed.

2. The owner/operator shall upon receipt of this Order:

- a. Place all wastes received or generated by the facility in containers or tanks which are in good condition and compatible with the waste.
- b. Report all unmanifested hazardous waste to the Regional Administrator within 15 days.
- c. Maintain a written operating record describing the quantity, location and dates of hazardous received or stored.

3. The Respondent shall notify the U.S. EPA in writing upon achieving compliance with this Order and any part thereof. This notification shall be submitted to the Director, Enforcement Division, Region V, United States Environmental Protection Agency, Water & Hazardous Materials Enforcement Branch, Attention: Compliance Section, 230 South Dearborn Street, Chicago, Illinois 60604.

A civil penalty of _____ is assessed for the violation set forth in the Findings above, pursuant to Sections 3008(c) and 3008(g) (42 U.S.C. 6928).

Failure to comply with any requirement of this Compliance Order shall subject the above named Respondent to liability for a civil penalty of up to \$25,000.00 (TWENTY-FIVE THOUSAND DOLLARS) for each day of continued noncompliance. U.S. EPA is authorized to assess such penalties pursuant to Section 3008(a) (3).

The proposed penalty has been set at the indicated level based upon an analysis of the seriousness of the violations cited herein, the potential harm to human health and the environment, the conduct of the Respondent, and the ability of the Respondent to pay penalties.

NOTICE OF OPPORTUNITY FOR HEARING

The above named person is hereby notified that the above Order shall become final unless said person has requested in writing a public hearing on the Order no later than 30 days from the date this Order is served. You have the right to request a hearing to contest any factual allegation set forth in the Complaint or the appropriateness of any proposed compliance schedule or penalty. In the event that you wish to request a hearing, and to avoid having the Compliance Order become final without further proceedings, you must file a written answer to this Complaint with the Regional Hearing Clerk, U. S. EPA, Region V, 230 South Dearborn Street, Chicago, Illinois 60604, within 30 days of your receipt of this notice. A copy of this answer and any subsequent document filed in this action should also be sent to

Enforcement Division, Attention: Water & Hazardous Materials Enforcement Branch, Compliance Section at the same address. Your answer should clearly and directly admit, deny, or explain each of the factual allegations of which you have knowledge. Said answer should contain (1) a definite statement of the facts which constitute the grounds of defense, and (2) a concise statement of the facts which you intend to place at issue in the hearing. The denial of any material fact or the raising of any affirmative defense shall be construed as a request for a hearing.

A copy of the Consolidated Rules of Practice Governing the Administrative Assessment of Civil Penalties and the Revocation or Suspension of Permits (40 CFR 22, 45 Fed. Reg. 24363 as amended by 45 Fed. Reg. 79808), accompanies this Complaint. These Regulations are applicable to this Administrative action.

SETTLEMENT CONFERENCE

Whether or not you request a hearing, you may confer informally with U. S. EPA concerning (1) whether the alleged violations in fact occurred as set forth above, (2) the appropriateness of the compliance schedule, (3) the appropriateness of any proposed penalty in relation to the size of your business, the gravity of the violations, and the effect of the proposed penalty on your ability to continue in business. You may request an informal settlement conference at any time by contacting this office. However, any such request will not affect the 30 day time limit for responding to this Complaint or requesting a formal hearing on the violations alleged herein. U. S. EPA encourages all parties to pursue the possibilities of settlement through informal conferences.

Request for an informal conference or service of document should be made to Mr. Michael Mutnan, Enforcement Division, at the above named address, telephone number (312) 353-2110.

Dated this _____ day of _____, 1982

Director, Enforcement Division
U. S. Environmental Protection Agency
Region V